PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 104182-WO-00	FOR FURTHER ACTION	See item 4 below		
International application No. PCT/JP2004/010286	International filing date (day/month/year) 13 July 2004 (13.07.2004)	Priority date (day/month/year) 08 August 2003 (08.08.2003)		
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237				
Applicant SUMITOMO ELECTRIC INDUSTRIES, LTD				

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).			
2.	This REPORT consists of a total of 4 sheets, including this cover sheet. In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.			
3.	This report contains indications re	elating to the following items:		
	Box No. I	Basis of the report		
	Box No. Π	Priority		
	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability		
	Box No. IV	Lack of unity of invention		
	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
	Box No. VI	Certain documents cited		
	Box No. VII	Certain defects in the international application		
	Box No. VIII	Certain observations on the international application		
4.		mmunicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but nakes an express request under Article 23(2), before the expiration of 30 months from the priority		

	Date of issuance of this report 08 May 2006 (08.05.2006)
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Masashi Honda
Facsimile No. +41 22 740 14 35	Telephone No. +41 22 338 70 10

Form PCT/IB/373 (January 2004)



PATENT COOPERATION TREATY

From the	NAL SEARCHING	AUTHOR	ITV		TANO.
To:	IVAL SEARCHING	Action			PCT PCT
					RITTEN OPINION OF THE IONAL SEARCHING AUTHORITY
			į		(PCT Rule 43bis.1)
				Date of mailing (day/month/year)	
Applicant's or	agent's file reference			FOR FURTHER	ACTION
104182	2-WO-00				See paragraph 2 below
International a	application No.		International filing date (l dav/month/vear)	Priority date (day/month/year)
	2004/01028	36	13.07.2004	• • •	08.08.2003
Applicant			DUSTRIES, LT		
i. This	opinion contains indi	cations rela	ting to the following items	5:	
	Box No. I	Basis of the	opinion		
	Box No. II	Priority			
	Box No. III	Non-establi:	shment of opinion with re	gard to novelty, invent	tive step and industrial applicability
	Box No. IV	Lack of unit	y of invention		
			atement under Rule 43bis; citations and explanation		novelty, inventive step or industrial tement
	Box No. VI	Certain doc	uments cited .		
	Box No. VII	C'ertain defe	ects in the international ap	plication	
	Box No. VIII	Certain obse	ervations on the internatio	nal application	
2. F UI	RTHER ACTION				
Inte thar	If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.				
writ	ten reply together, w	here approp		before the expiration	A, the applicant is invited to submit to the IPEA a n of 3 months from the date of mailing of Form expires later.
For	further options, see Fo	orm PCT/IS	A/220.		
3. For	further details, see not	tes to Form	PCT/ISA/220.		
Name and ma	iling address of the IS	A/JP		Authorized officer	
	-				
Facsimile No				Telephone No	

Form PCT/ISA/237 (cover sheet) (January 2004)



WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2004/010286

Box	No. I	Basis of this opinion
1.	With filed	n regard to the language, this opinion has been established on the basis of the international application in the language in which it was , unless otherwise indicated under this item.
		This opinion has been established on the basis of a translation from the original language into the following language. which is the language of a translation furnished for the purposes of international search (under
	•	Rule 12.3 and 23.1(b)).
2.	With	h regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed ntion, this opinion has been established on the basis of:
	a.	type of material
		a sequence listing
		table(s) related to the sequence listing
	b.	format of material
		in written format
		in computer readable form
	c.	time of filing/furnishing
		contained in the international application as filed.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority for the purposes of search.
3.		In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Ado	ditional comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2004/010286

Box			de 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability porting such statement	;
1.	Statement			
	Novelty (N)	Claims	1-9	YES
		Claims		NO
	Inventive step (IS)	Claims	1-9	YES
	• •	Claims	1-9	1E3
	Industrial applicability (IA)			
	industrial applicationly (IA)		1-9	— YES
		Claims		NO
	main ingredients, with t of the total value of the weight % of spherical p weight % of spherical p	he said gl glass frit articles ha articles ha	ste that has metal powder, glass frit and an organic vehicle as ass frit being at least 0.1 weight % and not more than 15 wei and the metal powder, the said metal powder consists of 50 - aving an average primary particle diameter of 0.1 - 1 µm and aving an average primary particle diameter of 50 nm or less ir is it a matter that is obvious to a person skilled in the art.	ght % 99 1 - 50

From the INTERNATIONAL BUREAU

NOTIFICATION OF TRANSMITTAL OF COPIES OF TRANSLATION OF THE INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (CHAPTER I OR CHAPTER II OF THE PATENT COOPERATION TREATY)

(PCT Rules 44bis.3(c) and 72.2)

To:

NAKANO, Minoru c/o Sumitomo Electric Industries, Ltd. 1-3, Shimaya 1-chome Konohana-ku, Osaka-shi Osaka 554-0024 JAPON

Date of mailing (day/month/year) 18 May 2006 (18.05.2006)	
Applicant's or agent's file reference 104182-WO-00	IMPORTANT NOTIFICATION
International application No. PCT/JP2004/010286	International filing date (day/month/year) 13 July 2004 (13.07.2004)
Applicant SUMITOR	MO ELECTRIC INDUSTRIES, LTD et al

 Transmittal of the translation to the application

The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter I).
The International Bureau transmits herewith a copy of the English translation of the international preliminary report on

2. Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

None

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AE, AG, AL, AM, AP, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, EG, EP, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

Masashi Honda

Facsimile No.+41 22 740 14 35

Facsimile No.+41 22 338 70 10